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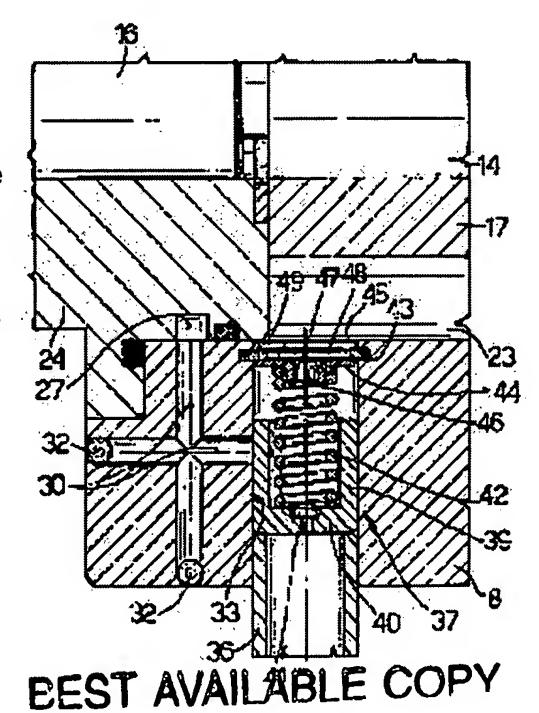
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(54) HIGH PRESSURE PUMP WITH ON/OFF VALVE FOR SUPPLYING FUEL TO INTERNAL COMBUSTION ENGINE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a very simple and highly reliable high pressure pump with an ON/OFF valve inexpensive to manufacture and easy to assemble for eliminating the known defect of the pump having the ON/OFF valve.

SOLUTION: A pump has a body 8 including at least one fuel compression chamber and one operation chamber 23 encircling an operating member of the pump. An ON/OFF valve 37 has a shutter for closing a fuel supply conduit 30 by sliding the interior of a hole in the body 8. The shutter is held at a close position by a compression spring 42 and the compression spring 42 is placed



directly or indirectly on a shoulder 43 in the hole. In one aspect of embodiment, the spring 42 is placed on the shoulder 43 via a holed disc 44 held by a holding ring removably clicked in an annular groove in the hole. In another aspect of embodiment, the spring 42 is placed on the shoulder 43.

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